

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Attorney Docket No.	1875.138000F
First Inventor	Ralph Duncan
Title	An Integrated VCO Having an Improved Tuning Range over Process and Temperature Variations (as amended)
Express Mail Label No.	

ADDRESS TO:Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 211]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding E-mail, R & D
 - References to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 94]
- Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

PTO
10/16/09
10/666631
092203**ACCOMPANYING APPLICATION PARTS**

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Authorization under 37 C.F.R. § 1.136(a)(3)
- Other: The name of the assignee is: Broadcom Corporation

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

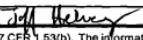
Continuation Divisional Continuation-in-Part (CIP)
Prior application information: Examiner Mis. David C.

of prior application No: 10/171,762
Art Unit: 2817

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number 26111 Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law			
ADDRESS	1100 New York Avenue, N.W.			
CITY	Washington	STATE	D.C.	ZIP CODE
COUNTRY	U.S.A.	TELEPHONE	(202) 371-2600	FAX (202) 371-2540

NAME (Print/Type)	Jeffrey T. Helvey	Registration No. (Attorney/Agent)	44,757
SIGNATURE		Date	9/22/09

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-766-9199) and select option 2.

01/22/60
99
c
n
t
g

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.
to
Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other** None
** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

Deposit Account
Deposit Account Number 19-0036
Deposit Account Name: Stern, Kessler, Goldstein & Fox P.L.L.C.

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any over payments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	\$750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1105	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					
750.00					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

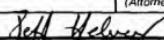
Fee from Extra below	Fee Paid
Total Claims 10 - 20** = 0 X \$18.00 =	\$0.00
Indep. Claims 2- 3** = 0 X \$84.00 =	\$0.00
Multiple Dependent	\$280.00 = \$0.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	260	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				0.00

** or number previously paid, if greater. For Reissue, see above

SUBMITTED BY

Name (Print/Type)	Jeffrey T. Helvey Attorney for Applicants	Registration No. (Attorney/Agent)	44,757	Telephone 202-371-2600
Signature				Date 7/22/03

WARNING: Information in this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-903b.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. The information will be used solely for processing the application and for examinations. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-763-9199) and select option 2.

SKGF Rev. 08/26/03 svb/JTH/ag



Robert Greene Stern
Edward J. Kessler
Jorge A. Goldstein
David K.S. Camwell
Robert J. Kirsch
Tracy Gene C. Durkin
Michele A. Cimbalia
Michael A. Ray
Robert S. Sohn
Eric K. Steffe
Michael Q. Lee
Steven Q. Shulman
John M. Covert
Linda E. Alcorn
Robert J. Bellinger
Lawrence B. Bugayak
Donald J. Festhertone
Michael V. Messinger

Judith U. Kim
Timothy J. Shear, Jr.
Patrick E. Garrett
Jeffrey T. Helms*
Hugo J. Diaz
Edward W. Yee
Albert L. Ferro
Donald J. Festhertone
Peter A. Leichman
Molly A. McCall
Teresa U. Medler
Jeffrey A. Pomeroy
Kendrick P. Peterson
Vincent J. Capriotto
Albert J. Cipolla II*
Eldora Ellison Floyd
Thomas C. Fiala
Brian J. Del Buono

Virgil Lee Branson*
Kimberly N. Redick
Theodore A. Wood
Elizabeth A. Hannes
Bruce T. Chaitin
Joseph S. Ostrol
Frank R. Cunningham
Charles J. Ullien
Rae Lynn Pechman
Jane Shershenovich*
Lawrence J. Carroll*
George A. Koenigzeder
Daniel A. Klein*
Rodney G. Maze
John R. McNamee
Michael A. Specht
Andrea J. Kinsage
Tracy L. Muller*

Jon E. Wright*
Lorraine M. Yurkak*
[Leave one blank line]
Registered Patent Agents*
Karen B. Kowalewicz
Nancy L. Leith
Ann E. Summerfield
Helaine C. Critchfield
Gaby A. L. Gerspach
Matthew J. Dowd
Aaron L. Schwartz
Angela L. Updegraff
Boris A. Matveiko
Mary B. Tung
Kathy L. Winkler
Bryan L. Stetton
Robert A. Schwartzman
John J. Figueras

Timothy A. Doyle
Jennifer R. Mahalingappa
Teresa A. Coelle
Jeffrey S. Landgren
Vivian M. Mervin
W. Brian Edge
Selbst Counsel
Samuel L. Fox
Kenneth C. Bass III
Lisa A. Durner

*Admitted only in Maryland
+Admitted only in Virginia
•Admitted only in Texas
+Practice Limited to
Federal Agencies

September 22, 2003

WRITER'S DIRECT NUMBER:
(202) 772-8675

INTERNET ADDRESS:
JHELVEY@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Patent Application

Re: U.S. Continuation Utility Patent Application under 37 C.F.R. § 1.53(b)
(claiming priority to U.S. Patent Appl. No. 10/171,762; filed: June 17, 2002)
Appl. No. (to be assigned); Filed: Herewith
For: **An Integrated VCO Having an Improved Tuning Range over Process
and Temperature Variations (as amended)**
Inventors: Ralph Duncan *et al.*
Our Ref: 1875.138000F

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Continuation Utility Patent Application entitled:

**An Integrated VCO Having an Improved Tuning Range over Process and
Temperature Variations (as amended)**

and naming as inventors:

Ralph Duncan
Tom W. Kwan

Commissioner for Patents
September 22, 2003
Page 2

the application consisting of:

- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. A copy of the executed Supplemental Declaration, as originally filed in U.S. Appl. No. 09/580,014;
- c. A specification containing:
 - i. 204 pages of description prior to the claims;
 - ii. 6 pages of claims (21 claims);
 - iii. a one (1) page abstract; and
- d. 94 sheets of drawings: (Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24A, 24B, 24C, 25, 26, 27, 28A, 28B, 28C, 28D, 28E, 28F, 28G, 28H, 28I, 28J, 28K, 29, 30, 31A, 31B, 31C, 31D, 31E, 31F, 31G, 31H, 31I, 31J, 31K, 31L, 31M, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44A, 44B, 45A, 45B, 45C, 45D, 45E, 45F, 45G, 45H, 45I, 45J, 45K, 46A, 46B, 47A, 47B, 47C, 47D, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69A, 69B, 69C, 69D, 69E, 70, 71, 72, 73, 74, 75, 76, 77, 78A, 78B, 78C and 79, 80);
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
5. A Preliminary Amendment;
6. An Information Disclosure Statement (IDS);
7. Form PTO-1449 (3 pages);
8. Two (2) return postcards; and
9. PTO-2038 Credit Card Payment Form for \$ 750.00 to cover:
\$ 750.00 Filing fee for patent application.

Commissioner for Patents
September 22, 2003
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicants
Registration No. 44,757

JTH/agj
:ODMAMHODMA:SKGF_DC1;179978;l
SKGF Rev. 2/12/02 dcv; 9/5/02 mac; 4/29/03 svb

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No. (to be assigned)
Ralph Duncan <i>et al.</i>	Art Unit: (to be assigned)
Appl. No. (to be assigned)	Examiner: (to be assigned)
Filed: Herewith	Atty. Docket: 1875.138000F
For: An Integrated VCO Having an Improved Tuning Range over Process and Temperature Variations (as amended)	

Authorization To Treat A Reply As Incorporating An Extension Of Time Under 37 C.F.R. § 1.136(a)(3)

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Applicants
Registration No. 44,757

Date: 9/22/03
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
JTH/aj
:ODMA\MHODMA\SKGF_DC1;177615;1

SKGF 1/25/02 mac; 4/18/03 svb